International application No.

			PCT/JP2	2004/014935
A. CLASSIFI	CATION OF SUBJECT MATTER			
Int.Cl	7 C07K16/00, A61K9/08, 39/395,	47/02, 47/18	, 47/26, A	61P35/00
According to In	ternational Patent Classification (IPC) or to both nation	al classification and IP(2	
B. FIELDS SE				
Minimum docur Int.Cl	nentation searched (classification system followed by c C07K16/00, A61K9/08, 39/395,	lassification symbols) 47/02, 47/18	, 47/26, A	61P35/00
	searched other than minimum documentation to the ext			
Electronic data t	pase consulted during the international search (name of E (SNT), BIOSIS (STN), WPIDS (STN)	data base and, where property , JICST FILE	racticable, search to (JOIS)	erms used)
C. DOCUMEN	NTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where a	opropriate, of the releva	nt passages	Relevant to claim No.
X A	JP 2001-504092 A (Rotkreuzst Zentrallaboratorium Blutspend 27 March, 2001 (27.03.01), Claims; examples & EP 835880 A1 & WO & US 6136312 A1	ifung dedienst SRK) 98/16558 A1	,	1-4,9 10,11
X A	JP 9-127114 A (Dainabot Co., 16 May, 1997 (16.05.97), Claims; example 1; Fig. 1 (Family: none)	Ltd.),		1-3,9,10 4,11
X A	JP 9-127112 A (Dainabot Co., 16 May, 1997 (16.05.97), Claims; example 1; Fig. 1 (Family: none)	Ltd.),		1-3,9-11 4
× Further doc	cuments are listed in the continuation of Box C.	See patent fam	ilv annex.	
the Control of the Co		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
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special reason "O" document ref "P" document pui priority date of	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document ocument referring to an oral disclosure, use, exhibition or other means ocument published prior to the international filing date but later than the riority date claimed "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document ombined with one or more other such documents, such combinate being obvious to a person skilled in the art document member of the same patent family		tep when the document is documents, such combination art	
	completion of the international search ary, 2005 (04.01.05)	Date of mailing of the 25 Januar	e international sear cy, 2005 (2	
Authorized officer Japanese Patent Office				

Telephone No.

International application No.

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C (Continuation	DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	JP 2-786335 A (Biotest Wolfram), 19 March, 1990 (19.03.90), Claims; page 3, upper left column; examples & EP 352500 A & US 5190752 A	1-4,9 10,11
X A	<pre>JP 2-493 A (Miles Inc.), 05 January, 1990 (05.01.90), Claims; examples; page 5, upper right column & EP 303088 A & US 5157113 A</pre>	1-4,9,10
x	GOMBOTZ WR et al., "The stabilization of a human IgM monoclonal antibody with poly (vinylpyrrolidone)." Pharm Res., 1994, Vol.11, No.5, page 624-32	1-4,9-11
A	DRABER P. et al., "Stability of monoclonal IgM antibodies freeze-dried in the presence of trehalose." J Immunol Methods., 1995, Vol.181, No.1, pages 37 to 43	1-4,9-11
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International application No. PCT/JP2004/014935

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tional application, as follows: tabilization of an IgM solution P 2001-504092 A (Rotkreuzstifung 27 March, 2001 (27.03.01)) igh concentration, and thus, it igh disclosed in said document
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International application No.

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Continuation of Box No.III of continuation of first sheet(2)

are classified into a group of inventions according to claims 1 to 4 and 9 to 11 relating to a solution containing a stabilized immunoglobulin at a high concentration, wherein the immunoglobulin is IgM, a group of inventions according to claims 5 to 8, 13 to 22, 24 to 34 having a technical feature of a high concentration IgM solution containing a multi-valent cationic ion, and a group of inventions according to claims 12, 23 and 35 having a technical feature of the freezing or freeze-drying of a stabilized IgM solution of a high concentration.